

ABSTRACT

In a laser display that displays a video by scanning a beam from a laser light source two-dimensionally on a screen, the image quality being displayed is deteriorated markedly by speckle noises induced from coherency of the light source. A method for oscillating the screen to remove the speckles has problems that a large-scale device is necessary and the screen cannot be chosen without any restrain.

A speckle pattern being generated is changed at a high speed by oscillating a light spot on the screen at a high speed using beam oscillation means 3, so that the viewer acknowledges time-mean image having no speckle noises.